

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/050414

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07F7/18 C07D471/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07F C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/34749 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH) 2 May 2002 (2002-05-02) page 58, line 1 - line 11	1-10
Y	WO 01/72757 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH) 4 October 2001 (2001-10-04) page 18, line 1 - line 10 * page 11, scheme 2 *	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

*** Special categories of cited documents:**

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

25 August 2004

Date of mailing of the international search report

06/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KARMAKAR G ET AL: "On some dehydrogenation products of alpha-carotene, beta-carotene and cryptoxanthin" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 77, no. 1, 5 January 1955 (1955-01-05), pages 55-60, XP002239511 ISSN: 0002-7863 the whole document	1-10
Y	ZECHMEISTER L ET AL: "Action of N-bromosuccinimide on beta-carotene" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 75, no. 18, 20 September 1953 (1953-09-20), pages 4493-4495, XP002239512 ISSN: 0002-7863 the whole document	1-10
Y	SNYDER H R ET AL: "1-Cyano-1,3-butadiene. III. The dimer of 1-cyano-1,3-butadiene" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 71, no. 4, 19 April 1949 (1949-04-19), pages 1395-1396, XP002239513 ISSN: 0002-7863 the whole document	1-10

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